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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,553	12/04/2003	Farid Adrangi	P17493	8771

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INTEL CORPORATION
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EXAMINER

CONTEE, JOY KIMBERLY

ART UNIT	PAPER NUMBER
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2617

MAIL DATE	DELIVERY MODE
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08/13/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/728,553	Applicant(s) ADRANGI ET AL.	
	Examiner Joy K. Contee	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-8,10-14,16-22 and 24-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4-8,10-14,16-22,24-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Allowable Subject Matter

1. The indicated allowable subject matter of claims 4,10,16-18,24 are withdrawn in view of the newly discovered reference(s) to. Rejections based on the newly cited reference(s) follow.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 1,2,6,7,8,12,14,20,21,22,26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hoglund et al. (Hoglund), US Patent 6,829,480, in view of Eisink, US 2007/0058642.

Regarding claims 1,2,5,6,7,8,11,12,,14,19,20,21,22,25,26, Hoglund discloses a a method of managing allocation of a private home address to a mobile node, comprising: receiving a registration request from the mobile node; allocating one of a public home address and the private home address to the mobile node based on a predetermined policy; if allocated the private home address, further: decapsulating a packet from the mobile node to a correspondent node, the packet including a source address and an originating source port; modifying the source address and the originating source port if the correspondent node belongs to a different administrative domain; and forwarding

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the packet to the correspondent node (**col. 4,lines 53-60 and col. 5,lines 17-38 and col. 6,line 8- col. 7,line 43**).

Hoglund fails to explicitly disclose wherein modifying the source address and the originating source port comprises replacing the source address with a public routable source address and the originating source port with a source port of the public routable address.

In a similar field of endeavor, Eisink discloses wherein modifying the source address and the originating source port comprises replacing the source address with a public routable source address and the originating source port with a source port of the public routable address (**see page 3 [0039-0040]**).

At the time of the invention it would have been obvious to one of ordinary skill in the art to modify Hoglund to include replacing the source address with a public routable source address for the purpose of allowing suitable mapping across networks.

4. Claim 4,5,10,11,16-19,24 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hoglund and Eisink, in further view of Chen, US 2005/0265363.

Regarding claims 4,5,10,11,16-19,24 and 25, Hoglund and Eisink disclose the limitations of claims 1,7,13. However, the combination fails to explicitly disclose tunneling a response packet to the mobile node and obtaining the address from a Dynamic Host Control Protocol server.

In a similar field of endeavor, Chen discloses tunneling a response packet to the mobile node and obtaining the address from a Dynamic Host Control Protocol server (pages 1-2 [0010-0011]).

At the time of the invention it would have been obvious to one of ordinary skill in the art to modify Hoglund and Eisink to include tunneling a response packet to the mobile node and obtaining the address from a Dynamic Host Control Protocol server for the purpose of allowing transferring data packets among different networks.


Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joy K Contee whose telephone number is 571.272.7906. The examiner can normally be reached on Monday through Friday, 5:30 a.m. to 2:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571.272.7904. The fax phone number for the organization where this application or proceeding is assigned is 571.273.8300

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JC


JOY K. CONTEE
PATENT EXAMINER